

## **ABSTRACT**

A method of manufacturing an impeller includes the steps of: (a) forming an impeller having a plastic disc body and magnetisable material distributed and encapsulated within the body; (b) testing the imbalance of the impeller; (c) removing plastic material from the  
5 impeller to compensate for the tested imbalance; and (d) magnetising the magnetisable material to have an annular array of alternating poles.